

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 09/734,281A  
Source: IFW16  
Date Processed by STIC: 2/4/05

# ***ENTERED***



IFW16

## RAW SEQUENCE LISTING

DATE: 02/04/2005

PATENT APPLICATION: US/09/734,281A

TIME: 16:04:06

Input Set : A:\Seq listing 12546.4USC1.txt

Output Set: N:\CRF4\02042005\I734281A.raw

```

5 <110> APPLICANT: MERCKEN, MARC
7   MANDELKOW, EVA-MARIA
9   VANDERMEEREN, MARC
11  VANMECHELEN, EUGEN
13  VAN DE VOORDE, ANDRE
17 <120> TITLE OF INVENTION: MONOCLONAL ANTIBODIES DIRECTED AGAINST THE
19   MICROTUBULE-ASSOCIATED PROTEIN TAU
23 <130> FILE REFERENCE: 12546.4USF1
C--> 27 <140> CURRENT APPLICATION NUMBER: US/09/734,281A
C--> 29 <141> CURRENT FILING DATE: 2000-12-11
33 <150> PRIOR APPLICATION NUMBER: 08/108,758
35 <151> PRIOR FILING DATE: 1993-09-02
39 <150> PRIOR APPLICATION NUMBER: 91402871.7
41 <151> PRIOR FILING DATE: 1991-10-25
45 <160> NUMBER OF SEQ ID NOS: 4
49 <170> SOFTWARE: PatentIn Ver. 2.0
53 <210> SEQ ID NO: 1
55 <211> LENGTH: 9
57 <212> TYPE: PRT
59 <213> ORGANISM: Homo sapiens
63 <220> FEATURE:
65 <221> NAME/KEY: MOD_RES
67 <222> LOCATION: (3)
69 <223> OTHER INFORMATION: Note = "S is phosphorylated"
73 <220> FEATURE:
75 <221> NAME/KEY: MOD_RES
77 <222> LOCATION: (6)
79 <223> OTHER INFORMATION: Note = "S is phosphorylated"
83 <400> SEQUENCE: 1
85 Tyr Ser Ser Pro Gly Ser Pro Gly Thr
87   1           5
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95 <211> LENGTH: 9
97 <212> TYPE: PRT
99 <213> ORGANISM: Homo sapiens
103 <220> FEATURE:
105 <221> NAME/KEY: MOD_RES
107 <222> LOCATION: (6)
109 <223> OTHER INFORMATION: Note = "S is phosphorylated"
113 <400> SEQUENCE: 2
115 Tyr Ser Ser Pro Gly Ser Pro Gly Thr
117   1           5
123 <210> SEQ ID NO: 3

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## RAW SEQUENCE LISTING

DATE: 02/04/2005

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Input Set : A:\Seq listing 12546.4USC1.txt

Output Set: N:\CRF4\02042005\I734281A.raw

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125 <211> LENGTH: 9
127 <212> TYPE: PRT
129 <213> ORGANISM: Homo sapiens
133 <220> FEATURE:
135 <221> NAME/KEY: MOD_RES
137 <222> LOCATION: (1)
139 <223> OTHER INFORMATION: Note = "X is any amino acid, X is absent or
141     present"
145 <220> FEATURE:
147 <221> NAME/KEY: MOD_RES
149 <222> LOCATION: (2)
151 <223> OTHER INFORMATION: Note = "X is any amino acid, X is absent or
153     present"
157 <220> FEATURE:
159 <221> NAME/KEY: MOD_RES
161 <222> LOCATION: (3)
163 <223> OTHER INFORMATION: Note = "S is phosphorylated"
167 <220> FEATURE:
169 <221> NAME/KEY: MOD_RES
171 <222> LOCATION: (5)
173 <223> OTHER INFORMATION: Note = "X is any amino acid"
177 <220> FEATURE:
179 <221> NAME/KEY: MOD_RES
181 <222> LOCATION: (6)
183 <223> OTHER INFORMATION: Note = "S is phosphorylated"
187 <220> FEATURE:
189 <221> NAME/KEY: MOD_RES
191 <222> LOCATION: (8)
193 <223> OTHER INFORMATION: Note = "X is any amino acid, X is absent or
195     present"
199 <220> FEATURE:
201 <221> NAME/KEY: MOD_RES
203 <222> LOCATION: (9)
205 <223> OTHER INFORMATION: Note = "X is any amino acid, X is absent or
207     present"
211 <400> SEQUENCE: 3
W--> 213 Xaa Xaa Ser Pro Xaa Ser Pro Xaa Xaa
215     1           5
221 <210> SEQ ID NO: 4
223 <211> LENGTH: 9
225 <212> TYPE: PRT
227 <213> ORGANISM: Homo sapiens
231 <220> FEATURE:
233 <221> NAME/KEY: MOD_RES
235 <222> LOCATION: (1)
237 <223> OTHER INFORMATION: Note = "X is any amino acid, X is absent or
239     present"
243 <220> FEATURE:
245 <221> NAME/KEY: MOD_RES

```

## RAW SEQUENCE LISTING

DATE: 02/04/2005

PATENT APPLICATION: US/09/734,281A

TIME: 16:04:06

Input Set : A:\Seq listing 12546.4USC1.txt

Output Set: N:\CRF4\02042005\I734281A.raw

247 <222> LOCATION: (2) ✓  
249 <223> OTHER INFORMATION: Note = "X is any amino acid, X is present or  
251 absent"  
255 <220> FEATURE:  
257 <221> NAME/KEY: MOD\_RES  
259 <222> LOCATION: (5) ✓  
261 <223> OTHER INFORMATION: Note = "X is any amino acid"  
265 <220> FEATURE:  
267 <221> NAME/KEY: MOD\_RES  
269 <222> LOCATION: (6) ✓  
271 <223> OTHER INFORMATION: Note = "S is phosphorylated"  
275 <220> FEATURE:  
277 <221> NAME/KEY: MOD\_RES  
279 <222> LOCATION: (8) ✓  
281 <223> OTHER INFORMATION: Note = "X is any amino acid, X is absent or  
283 present"  
287 <220> FEATURE:  
289 <221> NAME/KEY: MOD\_RES  
291 <222> LOCATION: (9) ✓  
293 <223> OTHER INFORMATION: Note = "X is any amino acid, X is absent or  
295 present"  
299 <400> SEQUENCE: 4  
W--> 301 Xaa Xaa Ser Pro Xaa Ser Pro Xaa Xaa  
303 1 5

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/734,281A

DATE: 02/04/2005  
TIME: 16:04:07

Input Set : A:\Seq listing 12546.4USC1.txt  
Output Set: N:\CRF4\02042005\I734281A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; Xaa Pos. 1,2,5,8,9  
Seq#:4; Xaa Pos. 1,2,5,8,9

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 1,3,5,7,9,11,13,15,17,19,21,23,25,27,29,31,33,35,37,39,41  
Seq#:1; Line(s) 43,45,47,49,51,53,55,57,59,61,63,65,67,69,71,73,75,77,79,81  
Seq#:1; Line(s) 83,85,87,89,91,93  
Seq#:2; Line(s) 95,97,99,101,103,105,107,109,111,113,115,117,119,121,123  
Seq#:3; Line(s) 125,127,129,131,133,135,137,139,141,143,145,147,149,151,153  
Seq#:3; Line(s) 155,157,159,161,163,165,167,169,171,173,175,177,179,181,183  
Seq#:3; Line(s) 185,187,189,191,193,195,197,199,201,203,205,207,209,211,213  
Seq#:3; Line(s) 215,217,219,221  
Seq#:4; Line(s) 223,225,227,229,231,233,235,237,239,241,243,245,247,249,251  
Seq#:4; Line(s) 253,255,257,259,261,263,265,267,269,271,273,275,277,279,281  
Seq#:4; Line(s) 283,285,287,289,291,293,295,297,299,301,303,305,307,309

VERIFICATION SUMMARY

DATE: 02/04/2005

PATENT APPLICATION: US/09/734,281A

TIME: 16:04:07

Input Set : A:\Seq listing 12546.4USC1.txt

Output Set: N:\CRF4\02042005\I734281A.raw

L:27 M:270 C: Current Application Number differs, Replaced Current Application Number

L:29 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:213 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0

L:301 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0